



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Florida Window Systems, Corp.
7191 NW 77th Terrace
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "FWS-200" Aluminum Single Hung Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W04-20**, titled "Series FWS-200 Alum. Single Hung Window (L.M.I.)", sheets 1 through 5 of 5, dated 03/11/04, with revision E dated 03/07/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **09-0624.06** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
5/29/12

NOA No. 12-0315.10
Expiration Date: July 29, 2014
Approval Date: June 07, 2012
Page 1


NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W04-20**, titled "Series FWS-200 Alum. Single Hung Window (L.M.I.)", sheets 1 through 5 of 5, dated 03/11/04, with revision E dated 03/07/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Hurricane Engineering and Testing, Inc. Test Report No. **HETI-03-1820B** dated 02/12/04, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA No. 04-0528.03)
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Hurricane Engineering and Testing, Inc. Test Report No. **HETI-03-1820A** dated 09/09/03, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA No. 04-0528.03)
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Hurricane Engineering and Testing, Inc. Test Report No. **HETI-03-1322B** dated 01/01/04, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA No. 04-0528.03)
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Hurricane Engineering and Testing, Inc. Test Report No. **HETI-03-1322A** dated 06/05/03, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA No. 04-0528.03)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0315.10
Expiration Date: July 29, 2014
Approval Date: June 07, 2012

Florida Window Systems, Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 06/15/09, signed and sealed by Arshad Viqar, P.E.
(Submitted under previous NOA#09-0624.06)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **11-0325.05** issued to Solutia, Inc. for their "**Saflex and Vanceva clear and color interlayers**" dated 05/05/11, expiring on 05/21/16
2. Notice of Acceptance No. **08-1118.07** issued to Oldcastle Glass Inc. for their "**StormGlass Glass Interlayer**", dated 03/05/09, expiring on 12/11/13.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated May 24, 2012, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. Notice of Acceptance No. **09-0624.06**, issued to Florida Window Systems, Corp., for their Series "FWS-200" Aluminum Single Hung Window – L.M.I., approved on 08/26/09 and expiring on 07/29/14.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0315.10
Expiration Date: July 29, 2014
Approval Date: June 07, 2012

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES FWS-200 **ALUMINUM SINGLE HUNG WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER
CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE
COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER
WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING
MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE (HVHZ).

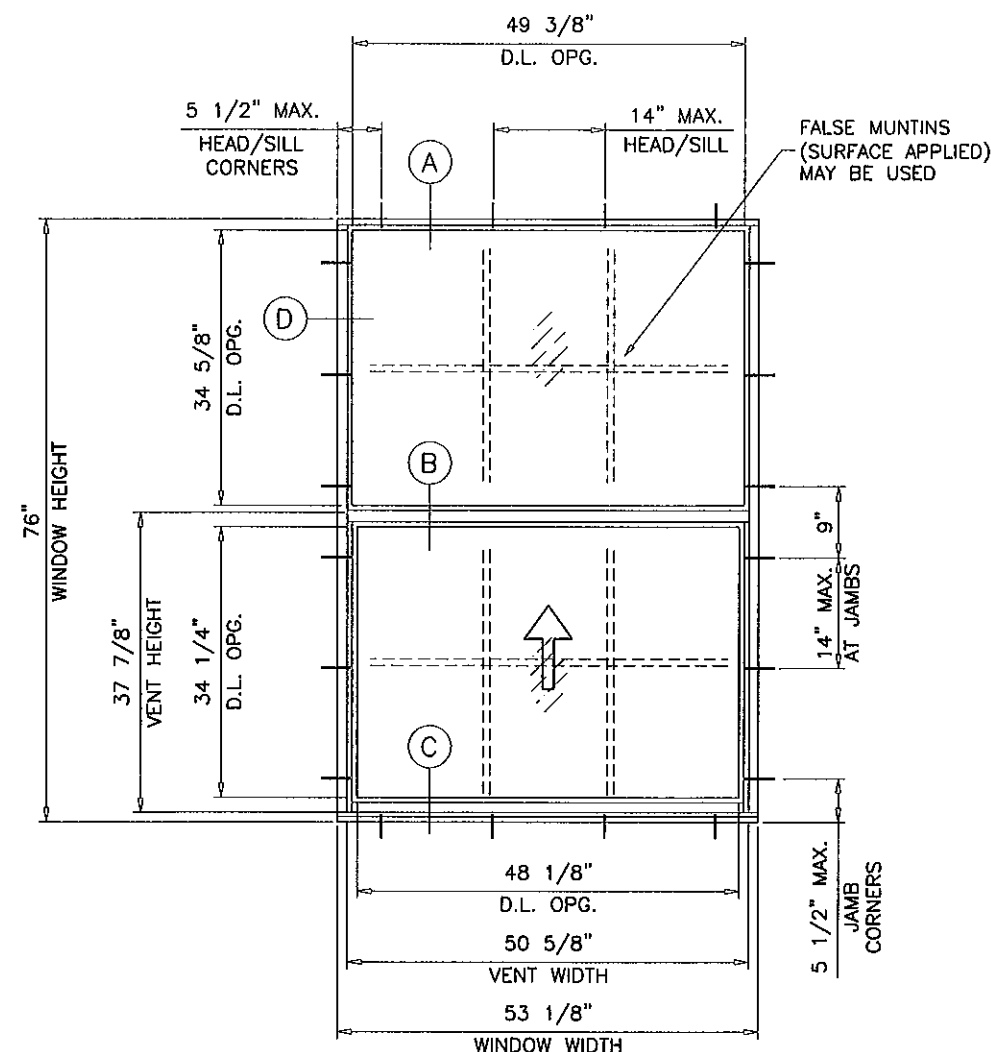
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

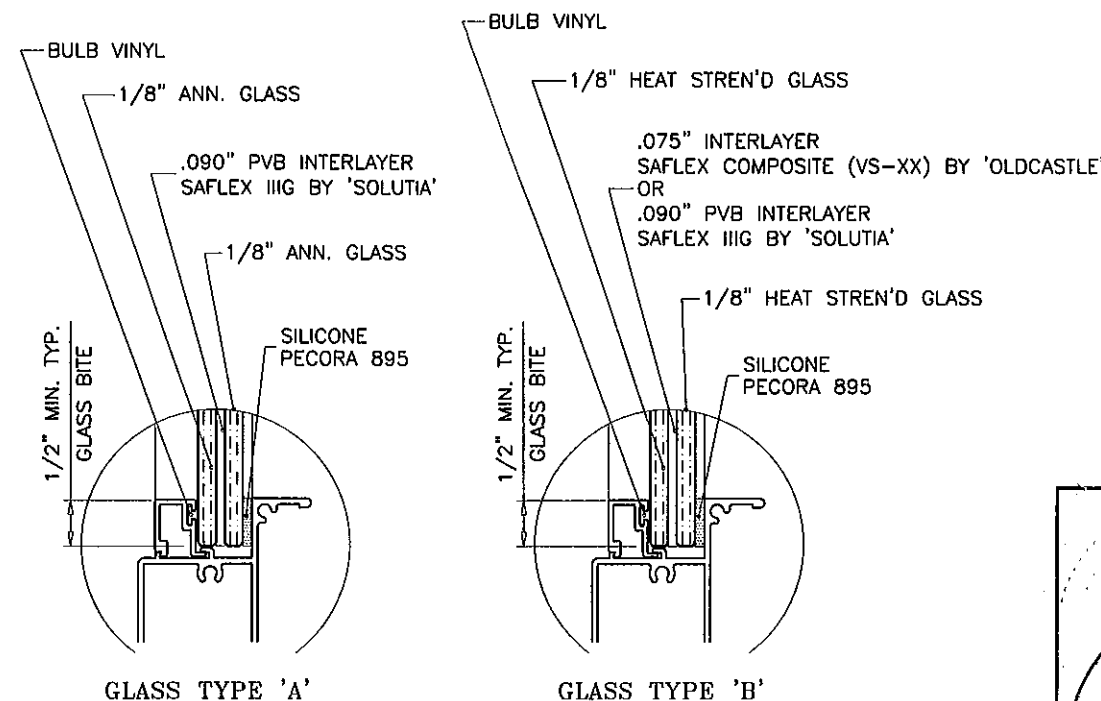
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATION
TESTED UNIT



GLAZING OPTIONS

Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
MAY 24 2012

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0315.10
Expiration Date JULY 29, 2014
By *Maureen Perez*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL\W04-20FWS

FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL. 33166
TEL. (305) 805-9420 FAX (305) 805-9424

| revisions: | | no. | date | description |
|------------|----------|-----|----------|----------------------|
| C | 06.22.07 | 1 | 06.22.07 | UPDATED FOR 2004 FBC |
| D | 06.15.09 | 2 | 06.15.09 | UPDATED FOR 2007 FBC |
| E | 03.07.12 | 3 | 03.07.12 | UPDATED TO 2010 FBC |

date: 03-11-04

scale: 1/2" = 1'-0"

dr. by: HAMID

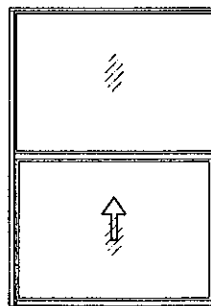
chk. by:

drawing no.
W04-20

sheet 1 of 5

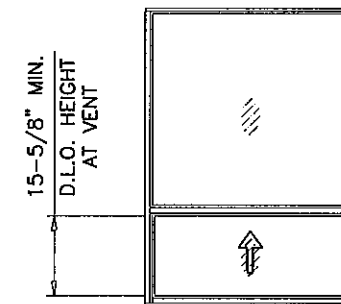
| EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF | | | | | | | | | |
|---|----------------|-----------------|---------|----------------|---------|---------------------------|---------|----------------|---------|
| WINDOW DIMS. | | W/O SHEAR CLIPS | | | | WITH SHEAR CLIPS AT JAMBS | | | |
| | | GLASS TYPE 'A' | | GLASS TYPE 'B' | | GLASS TYPE 'A' | | GLASS TYPE 'B' | |
| WIDTH | HEIGHT | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 19-1/8" | 26" (3) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 48" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 53-1/8" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 19-1/8" | 38-3/8" (4) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 48" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 53-1/8" | | 60.0 | 65.0 | 66.7 | 73.5 | 60.0 | 65.0 | 66.7 | 75.0 |
| 19-1/8" | 50-5/8" (4) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 48" | | 60.0 | 65.0 | 66.7 | 69.6 | 60.0 | 65.0 | 66.7 | 75.0 |
| 53-1/8" | | 60.0 | 60.2 | 60.2 | 60.2 | 60.0 | 65.0 | 66.7 | 75.0 |
| 19-1/8" | 57" (6) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 48" | | 60.0 | 64.9 | 64.9 | 64.9 | 60.0 | 65.0 | 66.7 | 75.0 |
| 53-1/8" | | 55.8 | 55.8 | 55.8 | 55.8 | 60.0 | 65.0 | 66.7 | 75.0 |
| 19-1/8" | 63" (6) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 48" | | 60.0 | 61.7 | 61.7 | 61.7 | 60.0 | 65.0 | 66.7 | 75.0 |
| 53-1/8" | | - | - | 52.6 | 52.6 | - | - | 66.7 | 75.0 |
| 19-1/8" | 76" (6) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | - | - | 66.7 | 74.2 | - | - | 66.7 | 75.0 |
| 48" | | - | - | 57.4 | 57.4 | - | - | 66.7 | 75.0 |
| 53-1/8" | | - | - | 48.1 | 48.1 | - | - | 66.7 | 75.0 |

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

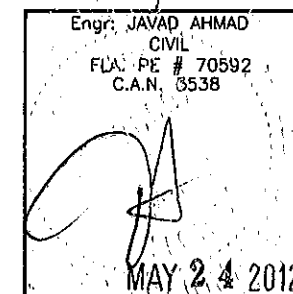


| UNEQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF | | | | | | | | | |
|---|----------------|-----------------|---------|----------------|---------|---------------------------|---------|----------------|---------|
| WINDOW DIMS. | | W/O SHEAR CLIPS | | | | WITH SHEAR CLIPS AT JAMBS | | | |
| | | GLASS TYPE 'A' | | GLASS TYPE 'B' | | GLASS TYPE 'A' | | GLASS TYPE 'B' | |
| WIDTH | HEIGHT | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 19-1/8" | 50-5/8" (5) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 48" | | 60.0 | 65.0 | 66.7 | 71.2 | 60.0 | 65.0 | 66.7 | 75.0 |
| 53-1/8" | | - | - | 61.4 | 61.4 | - | - | 66.7 | 75.0 |
| 19-1/8" | 57" (5) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 42" | | - | - | 66.7 | 75.0 | - | - | 66.7 | 75.0 |
| 48" | | - | - | 66.7 | 68.3 | - | - | 66.7 | 75.0 |
| 53-1/8" | | - | - | 58.2 | 58.2 | - | - | 66.7 | 75.0 |
| 19-1/8" | 63" (6) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 37" | | - | - | 66.7 | 75.0 | - | - | 66.7 | 75.0 |
| 42" | | - | - | 66.7 | 75.0 | - | - | 66.7 | 75.0 |
| 48" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 53-1/8" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 19-1/8" | 76" (6) | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 26-1/2" | | 60.0 | 65.0 | 66.7 | 75.0 | 60.0 | 65.0 | 66.7 | 75.0 |
| 32" | | - | - | 66.7 | 75.0 | - | - | 66.7 | 75.0 |

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0315-10
Expiration Date JULY 29, 2014
By *[Signature]*
Miami Dade Product Control

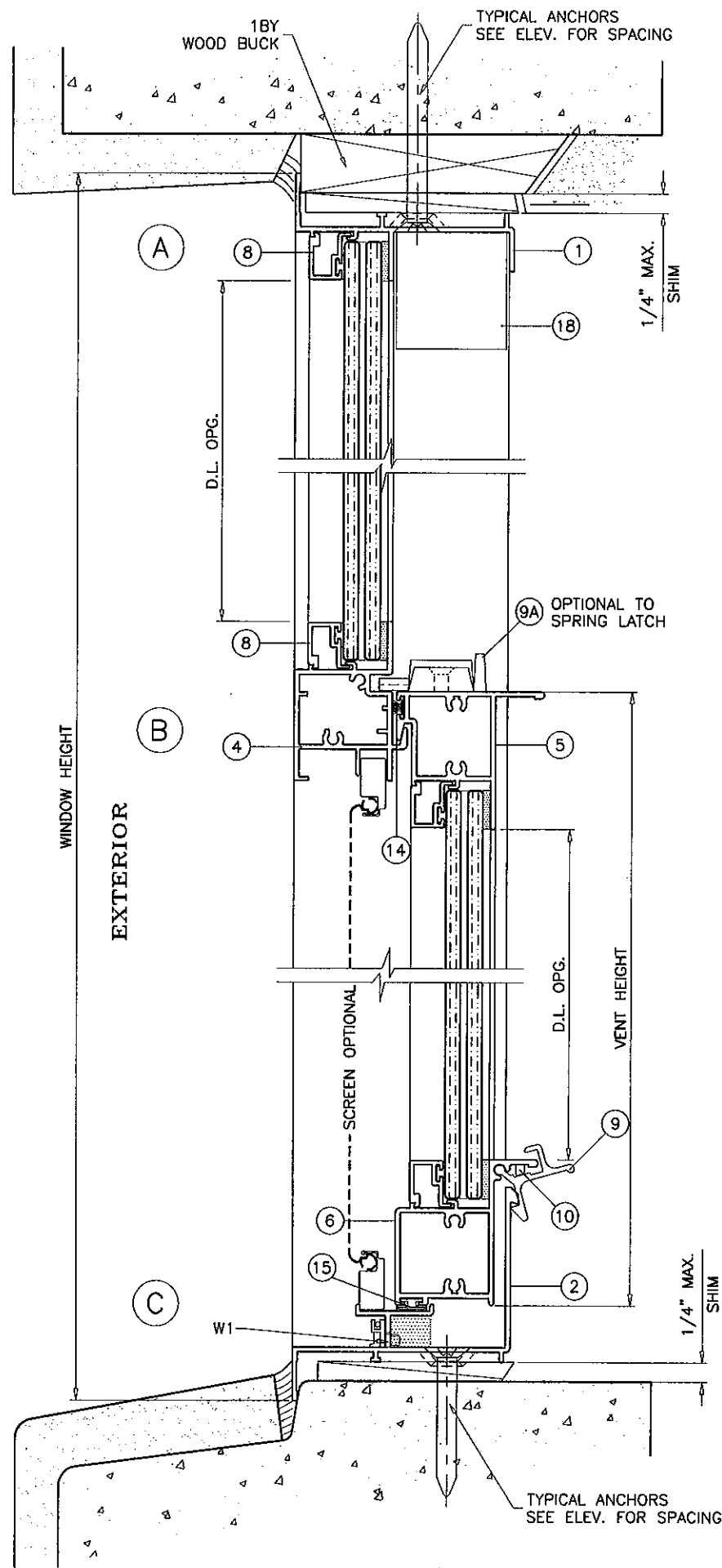
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6975
COMP-ANL\W04-20FWS

SERIES FWS-200 ALUM SINGLE HUNG WINDOW (L.M.L.)
FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL. 33166
TEL. (305) 805-9420 FAX (305) 805-9424

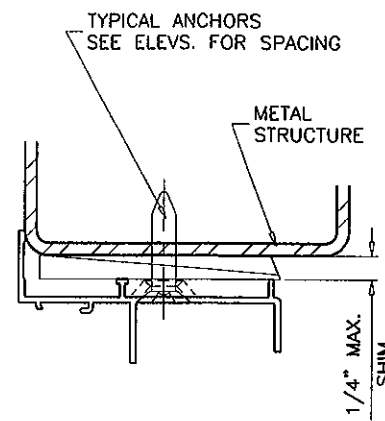
| revisions: | no | date | by | description |
|------------|----|----------|----|----------------------|
| | C | 06.22.07 | | UPDATED FOR 2004 FBC |
| | D | 06.15.09 | | UPDATED FOR 2007 FBC |
| | E | 03.07.12 | | UPDATED TO 2010 FBC |

date: 03-11-04
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

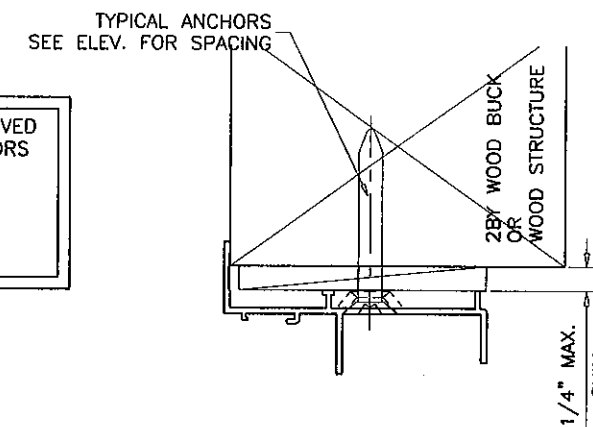
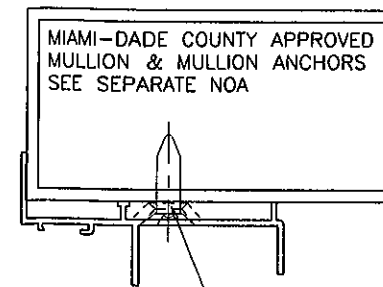
drawing no.
W04-20
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY FLORIDA WDW. SYS. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS SEE ELEV. FOR SPACING



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO METAL STRUCTURES

STEEL : 12 GA. MIN. ($F_y = 36$ KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-5/8" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE $f'_c = 3000$ PSI MIN.

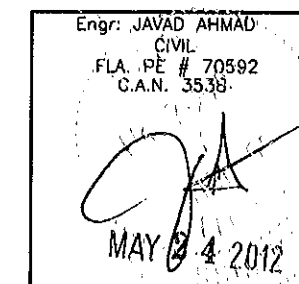
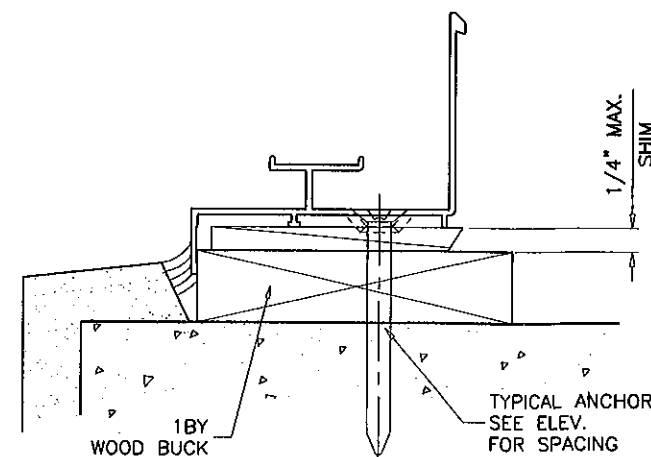
C-90 HOLLOW/FILLED BLOCK $f'_m = 2000$ PSI MIN.

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE-MOREHEAD 5504 SEALANT.

WEEPHOLES:

W1 = 1-1/2" X 3/16" WEEPHOLES AT 2-1/4" FROM EACH END



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0315-10
Expiration Date JUL 29, 2014
By: [Signature]
Miami Dade Product Control

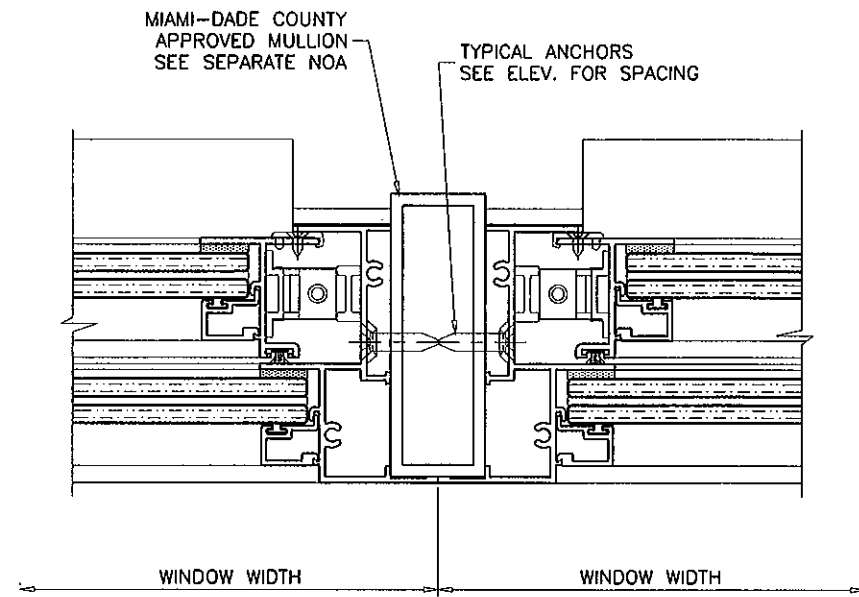
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W04-20FWS

SERIES FWS-200 ALUM SINGLE HUNG WINDOW (L.M.I.)
FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL. 33166
TEL (305) 805-9420 FAX (305) 805-9424

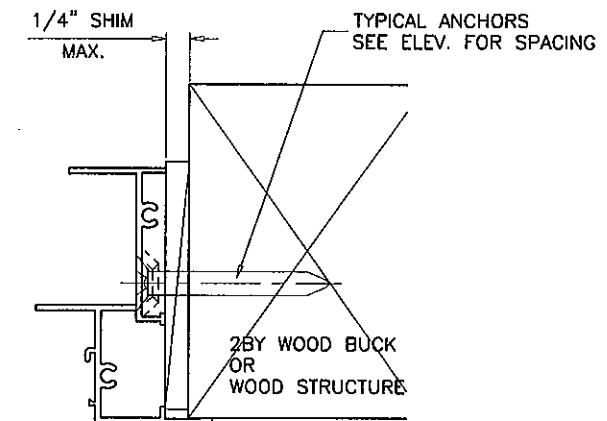
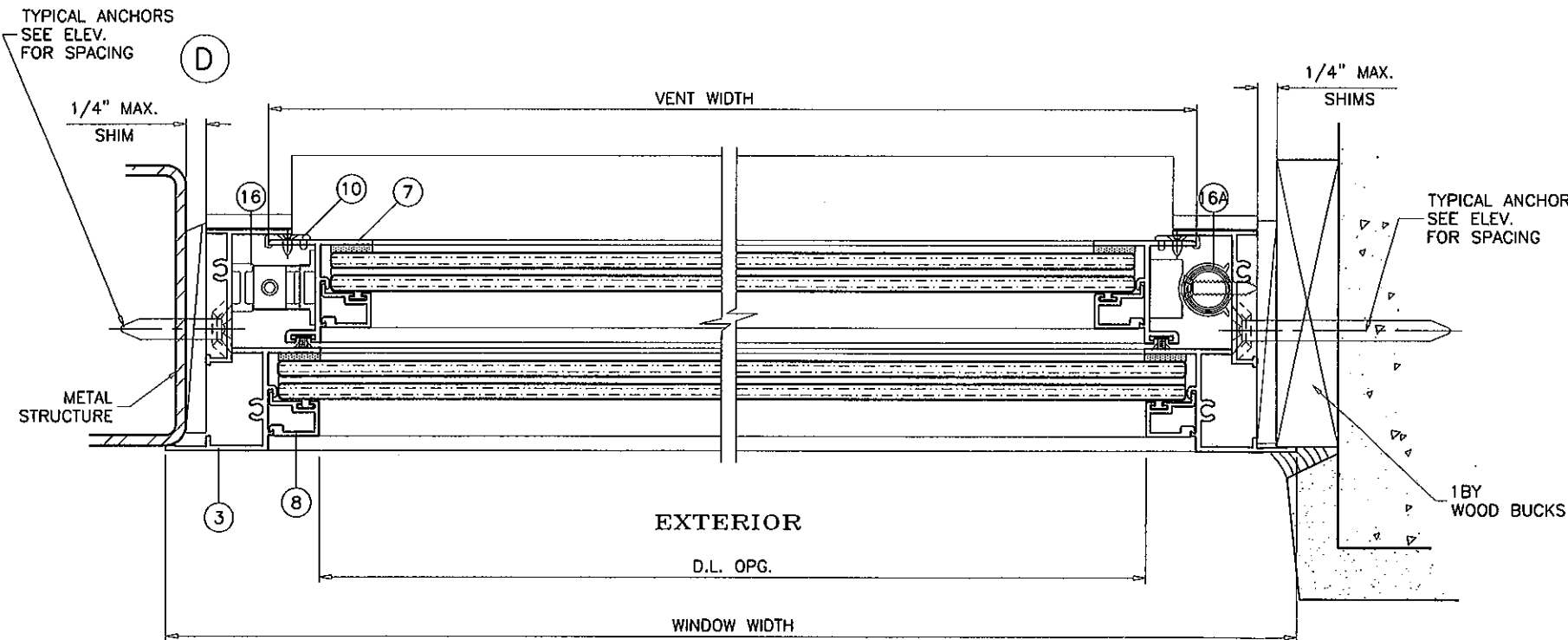
| Revisions: | | no | date | by | description |
|------------|--|----|----------|----|----------------------|
| | | C | 06.22.07 | | UPDATED FOR 2004 FBC |
| | | D | 06.15.09 | | UPDATED FOR 2007 FBC |
| | | E | 03.07.12 | | UPDATED TO 2010 FBC |

| | | | |
|----------------|------------------|---------------|----------|
| date: 03-11-04 | scale: 1/2" = 1" | dr. by: HAMID | chk. by: |
|----------------|------------------|---------------|----------|

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| drawing no. W04-20 | sheet 3 of 5 |
|------------------------------|--------------|



| ITEM # | PART # | REQD. | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|-------------|----------|-----------------------------------|----------|----------------------------------|
| 1 | FWS-020 | 1 | FRAME HEAD | 6063-T6 | - |
| 2 | FWS-021 | 1 | FRAME SILL | 6063-T6 | - |
| 3 | FWS-022 | 2 | FRAME JAMB | 6063-T6 | - |
| 4 | FWS-025 | 1 | FIXED MTG. RAIL | 6063-T6 | - |
| 5 | FWS-024 | 1 | VENT TOP RAIL | 6063-T6 | - |
| 6 | FWS-023 | 1 | VENT BOTTOM RAIL | 6063-T6 | - |
| 7 | FWS-016 | 2 | VENT SIDE RAIL | 6063-T6 | - |
| 8 | FWS-029 | AS REQD. | GLAZING BEAD | 6063-T6 | - |
| 9 | FWS-018 | 2/VENT | VENT LATCH @ 10-3/4" FROM ENDS | 6063-T6 | - |
| 9A | - | 2/VENT | CAM TYPE SWEEP LOCK | ZAMAK | INTALLED W/ (2) #8 X 3/4" FH SMS |
| 10 | - | 2 | LATCH SPRING | STEEL | - |
| 11 | 895 | AS REQD. | GLAZING COMPOUND | - | PECORA |
| 12 | #8 X 1-3/4" | 20 | FRAME & VENT ASSEMBLY SCREWS | CRS | PH SMS |
| 13 | - | - | - | - | - |
| 14 | W21175 | AS REQD. | PILE W'STRIPPING WITH PLASTIC FIN | - | ULTRAFAB |
| 15 | E205 | AS REQD. | BULB W'STRIPPING | VINYL | - |
| 16 | - | 2/VENT | BLOCK AND TACKLE BALANCE | - | - |
| 16A | - | 2/VENT | 5/8" SPIRAL BALANCE | - | - |
| 17 | #6 X 3/8" | - | SASH GUIDE SCREWS | - | FH |
| 18 | 20-09 | 2 | SASH STOP | ALUMINUM | - |
| 19 | - | 4 | SASH GUIDE | - | - |
| 20 | - | 1 | 5/16" BOX SCREEN | - | OPTIONAL |



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
complying with the Florida
Building Code
Acceptance No. 12-0315-10
Expiration Date 10/1/2014
By: [Signature]
Miami-Dade Product Control

MAY 24 2012

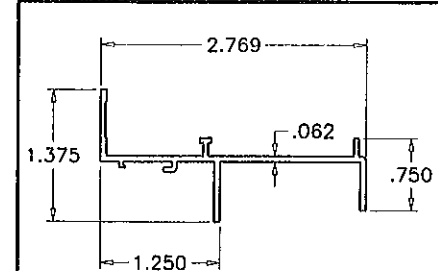
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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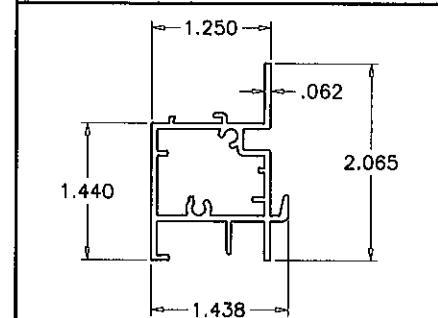
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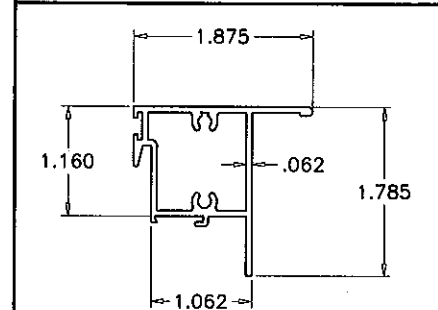
drawing no.
W04-20
sheet 4 of 5



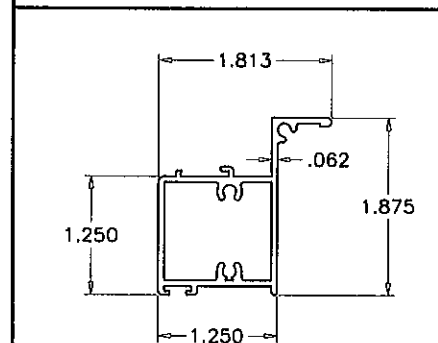
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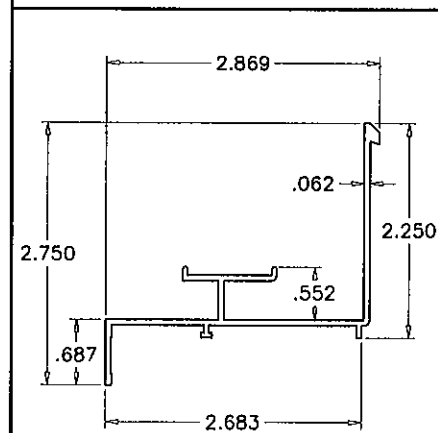
MEETING RAIL



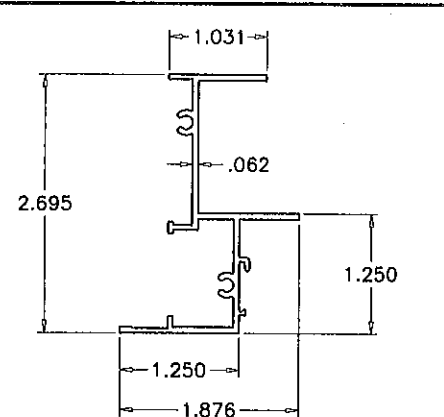
VENT TOP RAIL



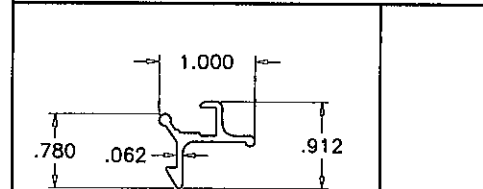
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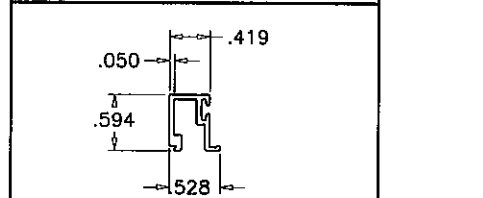
FRAME SILL



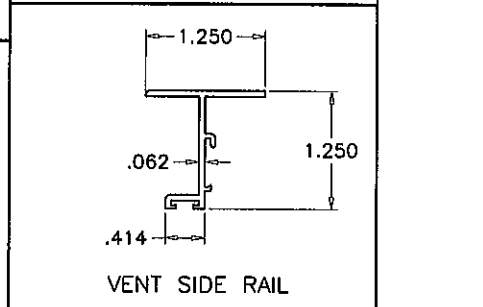
FRAME JAMB



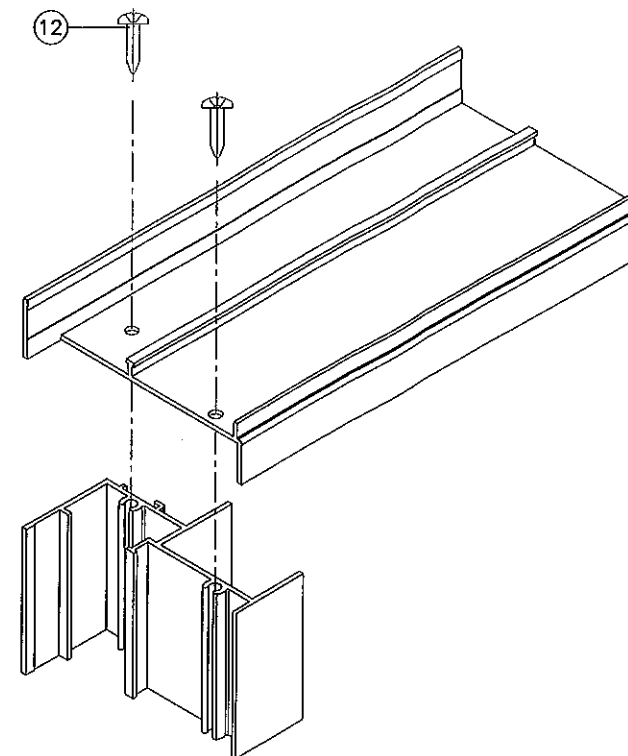
VENT LATCH



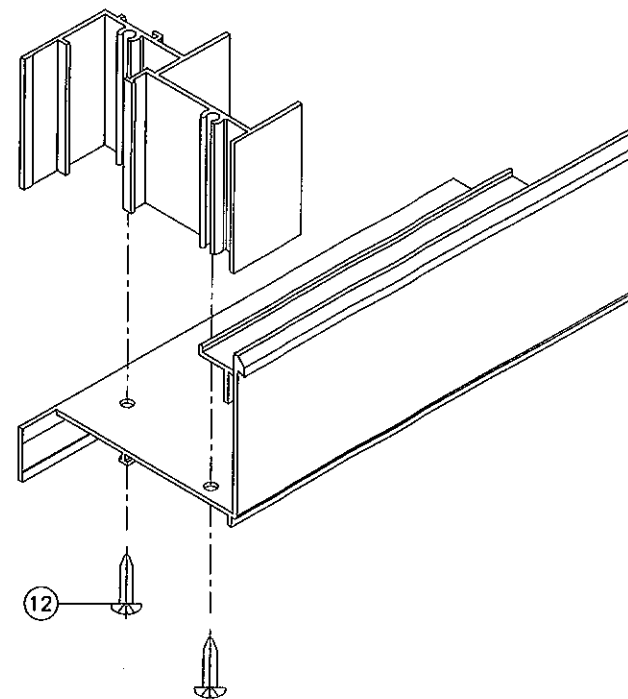
GLAZING BEAD



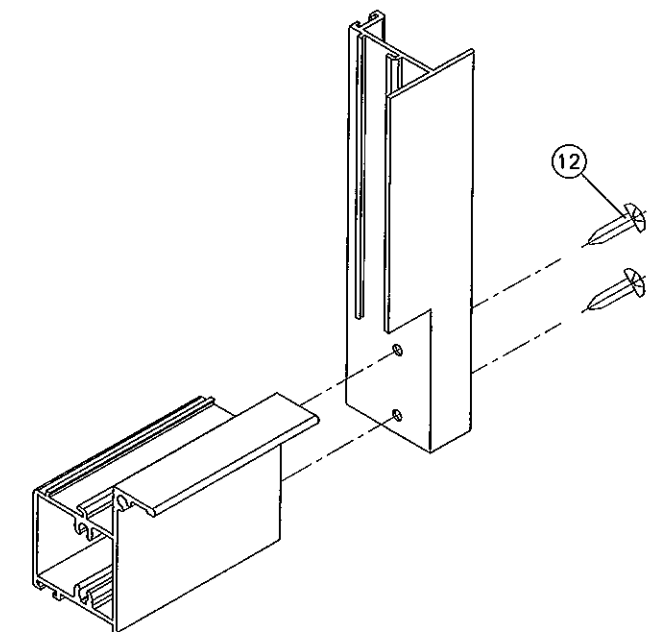
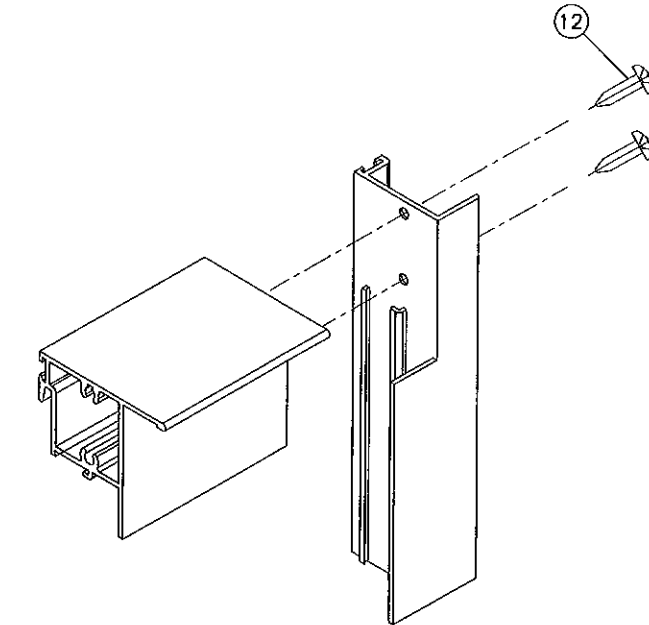
VENT SIDE RAIL



FRAME CORNERS DETAIL



VENT CORNER DETAIL



Engr: JAVAD AHMAD
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by Manuel Perez
Miami Dade Product Control

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